

Date: Tue, 16 Nov 93 03:43:34 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1353
To: Info-Hams

Info-Hams Digest Tue, 16 Nov 93 Volume 93 : Issue 1353

Today's Topics:

 950s vs 950sdx
 A/D for DSP
 Abbreviating Dates
 Advice needed on best band to use for across country chatting
How to find the answers to frequently-asked questions about Ham Radio
 Macintosh Amateur Radio Software - Novemeber 1993
 The firestorm
 Usenet Elmers List (was Re: Elmers are dead, god help us HAMS!)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Mon, 15 Nov 1993 19:06:27 GMT
From: usc!howland.reston.ans.net!gatech!concert!corpgate!nrtpa038!bnr.ca!
harp@network.ucsd.edu
Subject: 950s vs 950sdx
To: info-hams@ucsd.edu

In article <1993Nov15.145745.13871@PacBell.COM> sjhawk2@srv.PacBell.COM (Stephen
Hawkins) writes:

>From: sjhawk2@srv.PacBell.COM (Stephen Hawkins)
>Subject: 950s vs 950sdx
>Date: Mon, 15 Nov 1993 14:57:45 GMT
>Can anyone tell me what the differance is between these two radios?
>I saw a two page sheet from Kenwood about a year and a half ago
>and I cannot find it anywhere.
>de WV6U Steve

I know that the 950SDX has real dual receive capability. You can hear one receiver in each ear with stereo earphones. The 950S hears them both on the same audio channel. The AUX receiver only has an audio filter available.

The Yaesu FT1000 has dual receive also. With the FT1000 there is an optional 500HZ filter for the AUX receiver.

I bought the FT1000.

```
*****
* Alan Harp K4PB      *      Bell-Northern Research      *      CW FOREVER      *
* mail: harp@bnr.ca  *      Research Triangle Park, NC   *                      *
*****
```

Date: 16 Nov 93 03:11:43 GMT
From: ogicse!emory!europa.eng.gtefsd.com!darwin.sura.net!fconvx.ncifcrf.gov!
fcs260c!mack@network.ucsd.edu
Subject: A/D for DSP
To: info-hams@ucsd.edu

In article <931115151801_1@ccm.hf.intel.com> Cecil_A_Moore@ccm.hf.INTEL.COM (Cecil A Moore) writes:

>
>Text item: Text_1
>
>In the Nov QST, page 79, some specs are given for the TRFT-550
>Backpacker II transceiver. The blocking dynamic range is 100 db
>and the two-tone intermod distortion dynamic range is 81 db. Is
>this enough information to answer the following question?
>
>If one were trying to do some state-of-the-art Digital Signal
>Processing on the audio from this direct-conversion receiver, how
>many bits of A/D would one need?
>
>Thanks and 73, Cecil, kg7bk@indirect.com (I do not speak for Intel)
I think the answer is simple and you probably know it already - for 100db
ie 10b its 10 x log(10 to base 2).
Joseph Mack
Joe NA3T
mack@ncifcrf.gov

Date: 15 Nov 93 22:48:14 GMT
From: telesoft!garym@uunet.uu.net

Subject: Abbreviating Dates
To: info-hams@ucsd.edu

In <753223500snx@llondel.demon.co.uk> dave@llondel.demon.co.uk (David Hough) writes:

```
>>Abbreviated      Countries where used
>>-----
>> 1993-12-15      Canada(French), Hungary, Yugoslavia, Czechoslovakia, Sweden,
>>                Poland
>>Note: Doesn't Japan use something like the last format (above)?
```

This is the ISO standard date format, too bad more people don't use it.
It's unambiguous and sorts nicely too.
--GaryM

Date: 16 Nov 93 01:25:36 GMT
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu
Subject: Advice needed on best band to use for across country chatting
To: info-hams@ucsd.edu

In article <TROCH.93Nov14154733@gandalf.Rutgers.EDU> troch@gandalf.Rutgers.EDU (Rod Troch) writes:
>I am in the process of studying for a Tech-No code ham license (Hope
>this doesn't turn some of you off from reading the rest of this
>message. :-))

There's nothing wrong with going for the Tech license.

>I will be driving to Texas in a few months and would like very much to
>take a HT with me (actually that is irrelevant as I might purchase a
>mobile unit). I would really like to be able to stay in touch
>with folks back here in NJ. What band would you recommend to accomplish
>this, and is it possible on the freqs allowed with a tech-no code
>license?

Alas, your best bands for maintaining mobile communications back to NJ are at HF. 75 meters, 40 meters, or 20 meters, depending on the time of day, your progress along your route, and conditions, are the bands of choice. Those all currently require a General or higher class license for voice operation. A Novice or Tech plus Code license would give you Morse privileges in parts of the 80 and 40 meter bands, but mobile Morse is a challenging operational mode, and a good way to have a wreck if you aren't extremely experienced. Portable operations are feasible however. As a Tech plus Code, you'd have phone privileges on 10 meters, but it's unlikely that conditions would favor your desired propagation path on 10 during

your trip.

As a Tech, 6 meters is your only band that could span 1000+ miles, and only then under conditions of an active ionosphere which is unlikely due to declining solar activity. Under very rare ducting conditions, 2 meters might do, but we're now talking conditions that only occur for a few hours once every few years. That's not what you want for your trip.

However, there is another way. It's the amateur satellites. Using the Microsats mobile is possible, and would allow non-realtime packet messages to be exchanged with anyone in the world. There are also the high orbit birds, Oscar 10 and 13. AO10 has become something of a challenge as it has aged, but AO 13 would give you the range you need for voice communications. Mobile operation would be difficult on these birds because you need beam antennas, but portable operation is very feasible. I carry a tripod and a couple of small beams with me on trips so I can setup a satellite station at rest stops along the way. Note that you need multimode radios for 2 meters and 70 cm to take advantage of these birds.

The East and Midwest don't have the vast systems of linked repeaters that are found in the West, so a handheld or mobile VHF/UHF FM rig won't be useful for maintaining communications back to NJ. Still, you'll find lots of hams to talk to along your journey on VHF/UHF. It'll definitely make the trip more pleasant. A final note, handhelds are not ideal tools for mobile communications. A real mobile rig installed in the car will be much better. The low power, and the susceptibility of HTs to intermod when operated on external antennas, makes them the choice of last resort for mobile operation. You'll be happier, and those who have to listen to you will definitely be happier, if you don't use a HT as your main station.

Gary

--

Gary Coffman KE4ZV		Life's a journey,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		not a destination.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Live it.		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

Date: Sun, 14 Nov 1993 22:54:14 GMT

From: amd!amdahl!thunder!ikluft@decwrl.dec.com

Subject: How to find the answers to frequently-asked questions about Ham Radio

To: info-hams@ucsd.edu

Posted-By: auto-faq 3.1.1.1

Archive-name: ham-faq-ptr

How to find the Rec.radio.amateur.misc Frequently Asked Questions list

This article will tell you how to find the answers to frequently-asked Questions (FAQ) from rec.radio.amateur.misc. The FAQ articles are posted on the 7th of each month. This article is posted on the 14th, 21st, and 28th of every month as a reminder of where to find the FAQ.

The FAQ articles are intended to summarize some common questions on the rec.radio.amateur.misc newsgroup and Info-Hams mail list as well as to help beginners get started.

Besides the monthly posting, the FAQ is always available via anonymous FTP and from e-mail servers. This article contains instructions for obtaining a copy of the FAQ. It also contains the table of contents from the FAQ so that you know which questions are covered by it.

Please provide a copy of the FAQ to any new or soon-to-be Hams you know.

Regular FAQ postings can help save network bandwidth and maintain a good signal-to-noise ratio in the newsgroup. However, they can't do it alone - you, the reader, have to use them. If you are a new user, please print and review the FAQ articles and look at the instructions in the news.newusers newsgroup before posting any articles. If you are an experienced user, please help by refraining from answering frequently-asked questions on the newsgroup if they are already answered by the FAQ articles. Instead, send e-mail to the user who asked the question. (It will be helpful if you include the part of the FAQ that answers their question, but not the whole thing.)

--How to obtain a current copy of the FAQ-----

There are 3 ways to obtain a copy of the FAQ.

- 1) NetNews
- 2) Anonymous FTP
- 3) An Electronic Mail Server

Option #1: NetNews

If you are familiar enough with NetNews to look through previous articles on your system, Option #1 above may be the easiest for you. The FAQ is posted so that it should not expire from your site's news spool until the next one is posted. Unfortunately, some news administrators do not honor the expiration dates meant to preserve the FAQ.

Look in rec.radio.amateur.misc, rec.radio.info, rec.answers, or news.answers. If the FAQ has expired at your site, try Option #2 (and ask your news

administrator to honor expiration dates for articles cross-posted to news.answers if he/she can.)

Option #2: Anonymous FTP

Anonymous FTP uses the File Transfer Protocol. It is only available to sites which are directly connected to the Internet. If you don't know how to use FTP and can't find a friend to help you, continue to Option #3. If your site is not connected to the Internet, you should also continue to Option #3.

The following sites have copies of the FAQ:

site name & address	path to FAQ articles
ftp.amdahl.com	pub/radio/amateur/faq.[1-3].Z located in western USA, FAQ updated daily
ftp.cs.buffalo.edu	pub/ham-radio/faq_ham_[1-3] located in eastern USA, FAQ updated monthly
rtfm.mit.edu	pub/usenet/news.answers/radio/ham-radio/faq/part* located in eastern USA, FAQ updated monthly contains news.answers archive - most UseNet FAQs are here
grivel.une.edu.au	pub/ham-radio/buffalo/ham-radio/faq_ham_[1-3] located in Australia, FAQ updated monthly (Ham files mirrored from buffalo/funet/ucsd daily)
nic.funet.fi	pub/ham/info/faq_ham_[1-3] located in Finland, FAQ updated monthly

Remember, when connecting to the remote system, use the login name of "anonymous" and, as a courtesy to the site administrators, your e-mail address for the password.

Option #3: Electronic Mail Server

If you can't use Options 1 or 2, your only remaining option is electronic mail. You can retrieve a copy of the FAQ by sending a message to mail-server@rtfm.mit.edu

The body of your mail will contain a command for the mail server software. To get all of the FAQ (consisting of 70K of e-mail in 3 parts), place the following in the first line of your message:
send usenet/news.answers/radio/ham-radio/faq/*

Leave out the subject of your message because the mail server will ignore it.

--- begin sample mail message ---
To: mail-server@rtfm.mit.edu
From: me@here.org
Date: Mon Aug 14 22:27:33 PDT 1995

send usenet/news.answers/radio/ham-radio/faq/*
--- end sample mail message ---

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--Submitting changes for the FAQ-----

If you have comments or updates for the FAQ, send e-mail to
hamradio-faq@amdahl.com

This will send mail to all the people on the FAQ editorial review group.

Date: Mon, 15 Nov 93 06:39:42 -0400

From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!
darwin.sura.net!udel!news.intercon.com!psinnntp!wlnntp.psi.com!
usenet@network.ucsd.edu
Subject: Macintosh Amateur Radio Software - Novemeber 1993
To: info-hams@ucsd.edu

Newsgroups:

rec.radio.amateur.misc,rec.radio.amateur.digital,rec.radio.amateur.packet,rec.radi
o.shortwave,rec.radio.info

Followup-To: rec.radio.amateur.misc

Approved: rec-radio-info@ve6mgs.ampr.ab.ca

Macintosh Amateur Radio Software - November 1993
Version 1.04.1

Please feel free to distribute this list as widely as possible. Many of you have asked if it is OK to cross-post this list? I don't mind, but I would like to know where it is going. If you think it should be cross-posted to other USENET groups, please let me know so I can try and manage these. We don't want to have any duplication or our welcome will be wore out!

Those of you that can tell me about ANY of these programs compatibility with System 7 would be appreciated! I am going to be adding a System 7 compatability section to EACH description in future releases. If the application is KNOWN to execute properly under System 7, the System 7 anotation will be placed as the last line of the product description. More clarification on levels of System 7 compatibility in the future editions... but this is a start!

Some of the information in this list was gleaned from flyers supplied by the software vendors, or in some cases from reviews in amateur radio publications or the README files included with the archive. Some of the information has not been verified for a long time; please check with the vendors/authors for the latest product specs, pricing, etc.

NEW/CHANGES: I've started adding more version numbers so that our users will know if they have the most current release. Thanks to those that have already sent them in... I'll accept all corrections!

This list contains info on updated for several applications: updated information on Kantronic's Host Master(thanks John-WD1V) and Lar's newest release of Morse Trainer 1.1. Ivo-ON1XK and Adam-PA2AGA both have been busy with new releases of IM/Mac and NET/Mac repsectively. I heard that NET/Mac Pro is coming down the road soon... anyone care to confirnm this? For those of you who don't know about it... it is a commercial endevaor written to support high-speed TCP/IP radio links by some of the hams in Califor

nia. It is a product that has been anticipated for awhile and is eagerly awaited

although Adam has been doing an admirable job! Thanks Adam, Ivo and Lars for some great products!

I have been informed that The World, world.std.com, is the newest site carrying the Mac Ham Radio Software. Scott-WY1Z is maintaining these file as the Librarian of the Boston Amateur Radio Club. Look in the following path: /pub/hamradio/mac. Check at the bottom of this list for more information on ftp'able sites carrying Amateur Radio software. The ARRL ListServer is also carrying the latest version of this list... in case you loose this one!

*** Collections ***

<MacNet v5.31>

Join Macnet and get included in the latest version of "Macnet Roster", a HyperCard 2.x stack that now has > 400 members and is the proverbial "Who's Who" of hams using Macs. You'll find "Macnet Roster" a great tool for finding out who, what and how other hams are using their Macs with their ham stations. It even includes this file!

Send \$30.00(\$40.00 DX) check or money order to: WD1V, John Seney, 144 Pepperidge Drive Manchester, NH 03103 USA.

All disks shipped First Class Mail PPd. Get the COMPLETE Macnet Software Collection ppd. on 10 disks!

Based on your interests, you'll also receive public domain shareware received by our members.

System 7

<Project Mac>

Contest logging, antenna design, satellite tracking, clip art, etc. Microsoft BASIC required for many of the programs. Most of this software is now available in the MacNet collection.

Send three formatted 800K Macintosh disks with stamped, self-addressed disk mailer to Stan Horzepa, WA1LOU, 75 Kreger Drive, Wolcott, CT 06716. (Compuserve: 70645,247)

<Amateur Radio Software for Macintosh>

Extensive catalog including logging, Morse code, gray line, test preparation, satellite tracking, contesting, and packet radio programs.

ZCo Corporation, P.O. Box 3720, Nashua, NH 03061. NOTE: This company has been rumored to be out of business!

<Amateur Radio #1>

Contains satellite tracking, Morse code, attenuator design, and Ohm's law calculator programs.

Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067.

*** Test preparation ***

<Ham Test Stacks>

HyperCard stacks containing the entire question pool for each license class. Can be used for preparation or generating actual tests.

The current releases are: Novice v4.1(new questions eff. 7/1/93), Technician v4.0(new questions effective 7/1/93), General v2.4, Advanced v2.4, Extra v2.4

If you wish to receive these PUBLIC DOMAIN stacks, please send a SASE (self addressed STAMPED envelope - 2 ounces postage = .52) and 800K diskette to the author: Diana L. Carlson, 3 Spruce Street, Hudson, NH 03051. Diana will no longer send out the stacks unless the envelope has sufficient postage for return mail (in general, that means .52-.98, depending on size of envelope) and for those who send a standard business envelope, she takes no responsibility for the condition of the diskette through US mail.

Available via anonymous FTP from various sites, including uxc.cso.uiuc.edu (/pub/ham-radio). NOTE: The newest releases of Novice and Technician stacks are available at uxc.cso.uiuc.edu (5/6/93) Author is available via Internet: dls@genrad.com

System 7 savvy with HyperCard 2.1

<MacHam>

Test generators and study aids for the Technician, General, Advanced, and Extra class written elements. Includes the complete question pool for each license. Hypercard based.

Coyne Co., P.O. Box 2000-200, Mission Viejo, CA 92692.

System 7 with HyperCard 2.1

*** Morse code practice ***

<N6MZV Morse Trainer>

Lets you practice any combination of letters, numbers, and/or punctuation characters. Can send user-created text files.

RT Martin, N6MZV, 10382 Orange Avenue, Cupertino, CA 95014. Also available via anonymous FTP from ftp.apple.com (/pub/ham-radio). Shareware.

<Morse Code Tutor v1.3> - used to be called Morse Tutor

Sends random groups of letters, numbers, and/or punctuation characters.

Available via anonymous FTP from ftp.apple.com (/pub/ham-radio). Or send formatted 800K Macintosh disk with stamped, self-addressed return disk mailer to Jack Brindle, WA4FIB, 726-175th Street SW, Bothell, WA 98012; Compuserve: 73365,606.

<MorseMania V1.0>

Designed for those already familiar with Morse code who want to improve their speed. Allows code practice at various speeds and audio pitches. Can generate random sequences or play the contents of user-created text files. Freeware.

Available via anonymous FTP from whirlwind.stanford.edu (/pub). Contact Edward Plumer, KM6IQ, for more information; Internet: plumer@isl.stanford.edu.

<MacMorse>

Randomly sends chosen characters. Lets you create your own practice files.

David A. Kall, 700 Marine Parkway #314, New Port Richey, FL 34652.

<MacMorse v1.3>

MacMorse is designed to help you learn Morse code and improve your receiving speed. It has several ways that it can send letters and punctuation. Shareware.

Doug Havenhill, Dynamics and Control, 7143 West Sunnyside Drive, Peoria, AZ 85345.

<MacSamuel>

Sends random words, random character groups, and user-created text files. Can also create simulated QSOs with randomly generated text and callsigns.

Avant Systems, P.O. Box 5437, Pittsburgh, PA 15206.

<Zihua Morse>

Designed to teach Morse code to beginners and to improve the accuracy and speed of advanced users. Responses can be typed into the computer; the program will calculate accuracy and timing statistics for each session. Optional speech synthesizer reads the characters out loud for an accuracy check.

Zihua, P.O. Box 51601, Pacific Grove, CA 93950.

<Sparks-II v2.0.5>

More Code training program.

Available for anonymous ftp at [rahul.net /pub/davidj/radio](http://rahul.net/pub/davidj/radio)

<Morse Master v1.0>

The newest of the morse code training programs. MM calculates the real speed as follows: Real speed = Number of Words/end time - start time. And the length of word is generating randomly, so if you set even 5WPM, sometimes another value will appear. However you should believe the slidebutton's value. If you repeat many times, the average speed should be 5WPM (if not... anyway, believe the slidebutton's value).

Archive is available mac.archive.umich.edu, path: mac/util/organization/morsemaster1.0.sit.hqx

The author can be reached thru the following e-mail addresses: h79261a@kyu-cc.cc.kyushu-u.ac.jp. (Eiji AOL account is no longer valid - moved back to Japan after his studies.)

<Morse Trainer-US v1.1>

MorseTrainer is a powerful tool for learning and training Morse code. Features: Three different training modes: user text, random text, library text; Arbitrary signal pitch and timbre; Arbitrary speed and tempo; Multi-alphabet support; Random text generator; Text library editor; On-line alphabet; On-line manual; Help Balloons; And a lot more. New features in 1.1: Enhanced sound generator, volume control and risetime control. The pitch is set in steps of 10Hz instead of using MIDI frequencies; Speed and te

mpo limits increased to 80 words/minute as a result of the enhanced sound

generator; User-selectable font in the Misc settings dialog.
FREEWARE!

This version uses TrueType fonts instead on bitmaps fonts so that the user can distinguish 0(zero) from O(character). Furthermore speed and tempo can be given in either characters/minute or words/minute.

Archive is available mac.archive.umich.edu, path: mac/util/organization/

Author is available via internet: sund@tde.lth.se

System 7 savvy

<CW Speed Builder v3.0>

This program is for improving Morse Code (CW) reception skill. The major difference between this and other Morse Code training programs is that this one will not continue sending until you provide the correct answer.

Major changes which have been suggested and implemented since last version include: after three incorrect responses the program shows the correct character; the list of characters at the end which will show those you know and those you need more practice on; the frequency of the tone has been changed; volume of the tone has been reduced; the character " - " has been added (dah dit dit dit dah)

Comments can be sent as follows: America Online:K7UPJ, Internet:k7upj@aol.com, Packet radio:K7UPJ@KA3T, Compu\$erv:70521,2356, Mail:Box 84, Cascade, MD 21719

*** Packet and other digital modes ***

<NET/Mac 3.2.31>

Allows simultaneous TCP/IP, AX.25, and NET/ROM connections. Requires a TNC with KISS mode. Copyright, but free for noncommercial use. The latest releases have added support of multi-port serial boards like AE's QuadraLink. It is now possible to have up to 10 TNCs connected up to a Nubus Mac!

Adam van Gaalen, PA2AGA, (Internet: adam@IGG.TNO.NL) has been making the modifications to NET/Mac. This version (and others) is available via anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/pa2aga), mac.archive.umich.edu and sumex-aim.stanford.edu.

System 7

<Domain-to-Hosts Converter 1.0r3>

This application will create a hosts.net file from the domain.txt file that PC owners use with NOS. Created by Ken-NS1C is available on many TCP/IP packet switches in New England.program. Version 1.0r3 is the latest release.

System 7

<IM/Mac 1.0b27t>

Mailer program for use with the SMTP protocol. Alternative to the BM program that comes with NET/Mac. Written by Ivo van Ursel, ON1XK. Ivo is continuously updating his mailer program. His newest release supports built-in BinHex support, selectable sound chimes for incoming mail, "quoting" of forwarded messages and lots more. If you are not using this program... why not? Check for the latest release in the directory before "blind" ftp'ing.

This software supports System 7's Ballon Help and is System 7 savvy!

Available via anonymous FTP from ucsd.edu (/hamradio/packet/tcpip/pa2aga).

Author is available via internet: on1xk@igg.tno.nl <-- new address for Ivo
System 7 savvy

<SoftKiss 1.8>

Control panel device that emulates a TNC running in KISS mode. For use with packet-radio modems such as the Baycom kit and PacketMac Modem. Version 1.8 July 9 1993 update since 1.6. KD6PAG found a bug in quoting recieved escape and end characters is sofktiss 1.6. The bug and the fix and patch are all correct, thanks for some great detective work. Lots of doc files and drawings included in this archive! Requires the Serial Tool from Apple's Communications Toolbox!

Available on the HAMNET forum of Compuserve, America Online and via anonymous FTP from akutaktak.andrew.cmu.edu (/aw0g).

System 7

<Savant 1.0.1>

A new packet terminal front-end by the author of Virtuoso. Savant has a split window interface, but it's also a multi-window, multi-connection interface and will work with almost any TNC, unlike MacRatt or HostMaster.

A demo version of the product is available at cpre1.ee.iastate.edu (pub/ke0ph) or via US Mail, send a SAS disk mailer and disk to CM Technologies, Inc., RR#1, Box 83A, Kelley, IA 50134 (515) 597-2051.

System 7, 32-bit, '040 cache clean and it supports the required AppleEvents.

<MacRatt with FAX>

Terminal program for use with AEA's PK-232 multimode controller. Supports packet, CW, RTTY, AMTOR, and facsimile. Includes cable.

Advanced Electronic Applications, P.O. Box C-2160, Lynnwood, WA 98036.

<Host Master 1.2>

The Kantronics Host Master software provides an easy to use, multifunctional terminal program for the TNC. Host Master Mac is a simultaneous multi-mode terminal program for the Mac written by Kevin Krueger, N0IOS and marketed by Kantronics. It is a commercial product available from most of the ham radio stores and supports single and multiple packet connects, packet monitoring, and HF operation (with KAM) each on a separate window, all at the same time. This package retails for \$69.95 in the US and is int

uitive, friendly, and well supported by Kantronics. Current version as of 10/20/93 is 1.2. It is hoped that a future version will support FAX but currently Hostmaster supports PACKET, AMTOR, RTTY, PACTOR (KAM ver. 6.0), CW, and NAVTEX.

Features: text and binary file transfer; packet conferencing; color or B&W windows; cut, copy, paste between windows; call exchange and data/time stamp; auto startup/shutdown commands; transmit buffers for each mode; simultaneous dual port, multiple connects; supports KPC-2, KPC-2400, KPC-4, KAM and Data Engine. Requires: Macintosh Plus w/ System 6.05 or better. Current Kantronics firmware.

System 7 compatible, with balloon help

<PacketTracker 1.05>

PacketTracker ver 1.05 is a program that monitors packet activity and keeps track of what is going on. It draws a graphical map showing who is talking to who and displays statistics of all current stations and keeps a running tally of activity.

PacketTracker was written for both the casual packet user and the network manager or BBS operator. The casual packet user will be able to learn a great deal about what is happening in packet around him; which stations are generating the most data and what some of them are. he will be able to see graphically what stations he can hit directly and which ones he cannot.

For the network manager and BBS operator, PacketTracker provides extensive insight to the operation of the local network and problems such as excessive retries on a path. It also allows for extensive logging of channel utilization and other pertinent information.

NOTE: This application requires the Apple's Serial Tool from the Communications Toolbox.

System 7

*** RTTY ***

<MacTTY>

Decodes Baudot or ASCII transmissions. Can also be used for packet radio and other digital modes (including landline data communications). Includes split screen, a 15,000-character type-ahead buffer, and canned messages.

Summit Concepts, Suite 102-190, 1840 41st Ave., Capitola, CA 95010.

<WeFaxWorks>

Weather facsimile terminal program for use with Kantronics TNCs.

Kantronics rfconcepts, 1202 E. 23rd Street, Lawrence, KS 66046.

<MacMultiCom 1.0>

MFJ sells MacMultiCom 1.0 for their 1278 multimode controller. MacMultiCom supports all of the modes of the 1278: packet, rtty, ascii, pactor, amtor, gray scale faxes, and many different formats of color sstv. The program requires a minimum of a MacPlus and a hard disk. Requires a color Macintosh and System 7 for best results.

System 7

*** Logging ***

<Ham Radio Station Logbook>

HyperCard stack that stores and displays radio contact information. Automatically stamps entries with time and date. Contacts can be sorted by frequency, call sign, or date of contact. Includes report formats, a "Q-code" reference list, and on-line help.

SanSoft, 892 E. Quail Place, Highlands Ranch, CO 80126. (The same program appears to be available from Heizer Software, 1941 Oak Park Blvd., Suite 30, Pleasant Hill, CA 94523.)

<FDLog!>

Contact logging and duping program. Can transmit any of ten programmable CW messages. Generates real-time statistics on QSO rates.

System One Control, 3900 85th Ave N, Suite 200, Brooklyn Park, MN 55443.

<MacContest 3.5>

Allows real-time or post-contest logging of a wide variety of contests. Checks for dupes, figures scores instantly, and offers various printouts. Interfaces to TNCs for CW and RTTY contests, to DX packet clusters, to Kenwood transceivers, and to MacinTalk for easy post-contest entry.

Gerald Eberle, HB9CEY, P.O. Box 13, CH-4417 Ziefen, Switzerland.

<LOGic>

(Macintosh version scheduled.) Lets you define the rules determining dupes (such as once per band or once per contest). Displays heading, distance, and other information about the country being worked. Automatically enters contact time; if interfaced directly to a radio, also enters the frequency, band, and mode. Shows status toward earning amateur-radio awards. User-definable database fields. Exchanges data with other programs.

Personal Database Applications, 2634 Meadow Bend Court, Duluth, GA 30136.

<HF Logger 1.2>

A real fine HyperCard logging program! (hey... thats all I got!)

N0QGQ

<Simple Log .2b>

This little utility is a handy way to create a logging file that you can later import into any data base for analysis, etc. It also shows you that just about anyone can use Think C and create something on the Mac! Let me know if you'd like the source code. WD1V @ WA1WOK.NH.USA.NA

Author is John Seney - WD1V, e-mail address is jseney@aol.com. For a copy of this program, mail a SASE disk mailer and 800K disk to: John D. Seney, WD1V, 144 Pepperidge Dr., Manchester, NH 03103

System 7

<Marathon>

Contesting/logging- Have seen references to (March 92 CQ magazine) and heard good things about MARATHON by N 0 IOS. I believe a demo was available for \$8. Last address known is: Kevin Krueger, N0IOS, 1780 Ruth St., St.Paul, MN 55109

*** Propagation, gray line, DX headings ***

<DX Map v1.1>

Displays a map of the world with the terminator. Gives location, prefixes, zone numbers, distance, and heading for any country you select. Freeware. Requires HyperCard 2.0.

Available via anonymous FTP from joker.optics.rochester.edu (in the /ham/dxmap directory). Or send a formatted 800K Macintosh disk with a stamped, self-addressed disk mailer to Len Saaf, NV2Z, 52 Raleigh Street, Rochester, NY 14620 (Internet: saaf@joker.optics.rochester.edu).

<SatTrak>

Primarily a satellite tracking program, but also calculates beam headings, Maidenhead grid locations, MUF plots, and band openings. Shareware.

Available via anonymous FTP from [sumex-aim.stanford.edu \(/info-mac/app\)](ftp://sumex-aim.stanford.edu/info-mac/app). Or send a formatted 800K or 14.MB Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

<Sun Clock>

Desk accessory. Displays a color map of the world, including the terminator. Indicates current time for any location.

MLT Software, Inc., P.O. Box 368, Portland, OR 97207.

<DX Window>

Draws a great-circle world map centered on your QTH, with day/night terminator indicated. Displays over 400 DX locations with prefixes and beam headings.

Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<Skycom 1.1>

Enter solar flux and get propagation predictions to desired areas of the world.

Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<Skycom 1.5>

Provides sunlight status at both ends of a path; MUF, F0F2, and FOT frequencies; S/N ratio of the link; and other information.

Engineering Systems, Inc., P.O. Box 939, Vienna, VA 22183.

<DX Helper v1.57B>

Displays beam heading, distance, gray line, and propagation information.

Generates great-circle maps. Identifies prefixes, zones, and oblasts. Includes code practice.

MacTrak Software, P.O. Box 1590, Port Orchard, WA 98336.

<Mac MiniMUF v5.1>

A greyline and propagation predictor based on the PC version of MiniMUF by K4CFV. It is available directly from him for the price of a formatted disk and SASE (disk mailer).

His address in callbook or: Bob Stamper K4CFV, 12510 Shadowrun Blvd., Riverview, FL 33569

<Mac ShortWave v1.2>

A program called Mac Shortwave that figures MUF and LUF.

BXA Research in Plano, Texas

*** Satellite tracking ***

<SatTrack v1.02>

Tracks one satellite across a world map as it moves, displays the instantaneous position of several satellites, or generates tables of all satellites visible from

a certain location at a given time. Also calculates beam headings, Maidenhead grid locations, and MUFs. Shareware.

Available via anonymous FTP from [sumex-aim.stanford.edu \(/info-mac/app\)](ftp://sumex-aim.stanford.edu/info-mac/app). Or send a formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Mike Pflueger, WD8KPZ, 6207 W. Beverly Lane, Glendale, AZ 85306.

<MacSat v3.1>

Tracks up to 21 satellites simultaneously, either in simulation or real-time mode. Text screen displays ground-track coordinates, range, mean anomaly, visibility (azimuth and elevation) and Doppler shift frequency information for all satellites being tracked. Graphical screen portrays the satellite ground tracks superimposed on a world map. Polar plot displays graphically the precise location of each visible satellite above the observer's horizon.

Developed by the Geodetic Research Laboratory of the University of New Brunswick. Available from Richard B. Langley, R.R. 12, Fredericton, N.B. E3B 6H7, Canada (Internet: lang@unb.ca). A demo version of MacSat may be ftp'ed from directory PUB.CANSPACE on [unbmvs1.csd.unb.ca](ftp://unbmvs1.csd.unb.ca).

System 7

<OrbiTrack>

<OrbiTrackFPU v2.1.4>

Calculates look angles to selected satellites, plots current satellite positions on a world map, and displays the visible passage of a satellite against background stars (either within the program itself or via a data file that can be read into the Voyager astronomy program). Please note that one version requires an FPU to operate!

BEK Developers, P.O. Box 47114, St. Petersburg, FL 33743. (Bill Bard, CompuServe: 75366,2557) (Note: This replaces BEK's previous MacSat program, which was not related to the program of the same name from UNB.)

<QuikMac>

Macintosh version of N4HY's QuikTrak program. Requires Microsoft BASIC. AMSAT, P.O. Box 27, Washington, DC 20044.

<Satellite Orbit Prediction Program>

Macintosh conversion of W3IWI program. Requires Microsoft BASIC.

Send formatted 800K Macintosh disk with stamped, self-addressed disk mailer to Earl Skelton, N3ES, 6311 29th Place NW, Washington, DC 20015. Or send self-addressed stamped envelope for source listing.

<Satellite Pro>

Uses world maps and tables to indicate rising and setting schedules, current locations, mutual visibility opportunities, and footprints. Includes Mercator, polar, and great-circle displays. Optional antenna control.

MacTrak Software, P.O. Box 1590, Port Orchard, WA 98366.

<MacSPOC>

Author is on AOL and can be reached as adamod@aol.com via the internet.

*** Antenna design ***

<MacMiniNEC>

Chris Smolinski, N3JLY, 40 South Lake Way, Reisterstown, MD 21136.

*** Radio control ***

<ICOM Radio Control>

Provides a Macintosh interface for controlling ICOM transceivers that use the CI-V remote-control system. Lets you quickly change frequencies and modes. Also does logging and duping. Requires a CI-V to RS-422 converter (schematic included with program).

KE6FG Software, 9763 Pali Avenue, Tujunga, CA 91042.

<FreqValet>

Provides frequencies and DX program info for shortwave radio listeners. The program databases update automatically at 15, 30, or 60 minute intervals, thus providing a continuous display of broadcasts on-the-air at any given time in a spreadsheet like format. Features include sorting of data, scanning, and on-screen changing of databases. The program will convert Tom Sundstrom's dBase shorwave broadcast listing to FreqValet format and will do the same for Shorwave Navigator users. Separate cards are pro

vided for DX Programs, Ship to Shore, and Utility broadcasts. Computer control modules are available at extra cost for the Drake R8, Kenwood R-5000, JRC NRD-525, and NRD-535 receivers.

DX Computing, 232 Squaw Creek Road, Willow Park, TX 76087. Telephone (817) 441-9188 or (817) 441-5555 (fax).

Author is available via internet: dxcomp@aol.com

System 7 with HyperCard 2.1

*** Ham radio BBSs ***

<Digikron Systems BBS>

Various ham-related applications, including logging, propagation, Morse code, and packet. (408) 253-1309.

<MacScience BBS>

Various ham-related applications, including antenna design, propagation, WEFAX, packet, and Morse code. (408) 866-4933.

<N8EMR BBS>

Various ham-related files, including packet, DXing, and contesting software; AMSAT bulletins; and several ham newsletters. (614) 895-2553. Also available via FTP on AMPRnet at 44.70.0.1.

<WB3FFV BBS>

Various ham-related software, including packet, contesting, and Morse code applications. (410) 661-2475, 661-2598, and 661-2648.

<ChowdaNet BBS>

(more info at a later date)

*** Online Services carrying Ham Radio software ***

<America Online>

Supports Macintosh, PC's DOS & Windows versions, PS/1, Apple //s, Casio Zoomer. Ham Radio Club (keyword = ham radio) supports all computer types. Software for amateur radio, scanners, swl'ers and general electronics. For 10 FREE hours of trial time send your snail mail address to tstader@aol.com or call 1-800-827-6364 Ext. 6285. This site NOT ftb'able (yet). Internet e-mail.

<CompuServe>

Supports any communications software on most computers Ham Radio area (go hamnet) supports all types of communications formats. Call 1-800-848-8199 for information. This site NOT ftb'able. Internet e-mail.

<Delphi>

(more info at a later date) Internet e-mail

<GEnie>

(more info at a later date) Internet e-mail

<Prodigy>

Has ham radio message areas, no downloadable software. Limited internet e-mail.

=====

Misc. Internet FTP sites for Amateur Radio Macintosh software

joker.optics.rochester.edu	(/ham)
sumex-aim.stanford.edu	(/info-mac/app)
mac.archive.umich.edu	various locations
uxc.cso.uiuc.edu	(/pub/ham-radio)
ucsd.edu	(/hamradio) many different subdirectories
	(/hamradio/incoming) newest files temp holding area
	(/hamradio/packet/tcpip/pa2aga) NET/Mac & IM/Mac area
ftp.apple.com	(/pub/ham-radio)
akutaktak.andrew.cmu.edu	(/aw0g) softkiss-mac
nic.switch.ch	(/software/mac/ham-radio)
world.std.com	(/pub/hamradio/mac)

If you know of any other sites, please e-mail me info so I may keep this list as up to date as possible!

- Terry

Thanks for all of the notes and updates! Keep them coming. Did I get all of the versions right?

=====

NOTE: Much of this work was done by Patty-N6BIS as she collected information from many vendors. I would like to keep this list as up to date as possible. Please feel free to drop me a note if you have any additional software to this list.

DISCLAIMER: The software listed is not endorsed by Apple Computer, Inc.(c) nor has it all been tested by the author/providers of this information.

* Recompiled by Terry Stader - KA8SCP (tstader@aol.com) *
* Original list compiled by Patty Winter - N6BIS *
* New information last added 9/93 *
* some information not rechecked since early 1991. *

Terry M. Stader, KA8SCP, America Online (AOL) Ham Radio Club Host
Macintosh Amateur Radio Software List Maintainer
Internet: tstader@aol.com or p00489@psilink.com
Packet: KA8SCP@WA1PHY.#EMA.MA.USA.NOAM

Date: 16 Nov 93 00:51:41 GMT
From: news-mail-gateway@ucsd.edu
Subject: The firestorm
To: info-hams@ucsd.edu

On Mon, 15 Nov 1993, Paul Beckmann wrote:

>
>
> First of all, let's not take this T00 seriously. Yes, it is a problem,
> but I am "forced" to waste about 1 minute of time each day, looking at
> the subject lines and deleting those messages right away.

True. I can deal with it for awhile, but this is nonsense.
Imagine what the 1200 bps packet frequencies sounds like.

>
> All in all, this sort of behavior is VERY instructive and should be
> discussed in the meeting forums of the Packet BBS, list-server and
> Gateway folks. Let's not waste the opportunity to make the overall
> system better in the future through analysis of what has happened
> (and is happening!) here.

For everyone's information, I've taken Tom Clark's previous message and forwarded it to the Gateways mail list to inform all the sysops of what is

going on here.

Oh, BTW, And why _should_ I even be allowed to post on here? I haven't generated any keplarian elements lately except for that of those darn modern physics problems that are orbiting around in my head.

Sorry to be causing all the trouble, but it definatly needs to be corrected before it happens again. I do not yet understand exactly what is happening, but I'm willing to try to figure it out.

```
*****
Tim Baggett, AA5DF                      Electrical Engineering Student
                                         New Mexico State University

Internet: WBAGGETT@DANTE.NMSU.EDU
AMPR: AA5DF@NMSUGW.AMPR.ORG             US Snail: 1970 Buchanan Avenue
Twisted Pair: (505) 523-6829             Las Cruces, NM 88001
*****
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Date: 15 Nov 93 21:12:35 GMT
From: ogicse!uwm.edu!news.moneng.mei.com!howland.reston.ans.net!
vixen.cso.uiuc.edu!usenet@network.ucsd.edu
Subject: Usenet Elmers List (was Re: Elmers are dead, god help us HAMS!)
To: info-hams@ucsd.edu
```

On Mon, 15 Nov 1993 17:27:55 GMT, Paul W Schleck KD3FU wrote:

>In <CGJK9p.oq@hpbmqoea.sqf.hp.com> dstock@hpbmqoca.sqf.hp.com (David Stockton) writes:

>

>> There is a list of "Elmers" on usenet. try rec.radio.amateur.info

>

>Thanks David! I've begun to think I've been forgotten! :-)

>

>At about the same time as the FAQ lists for this newsgroup were being
>created (almost 3 years ago), there was interest expressed in setting up
>an indexed list of net experts (or "Elmers") who were willing to field
>questions offline on various subjects. This was considered preferable
>to having some poor newcomer ask a question of the group at large, get a
>nasty response, then have a counter-flame-war kick off to the detriment
>of everyone. I volunteered to take on this project.

As someone who is studying for Tech No-Code (with my 11 year old son), this is great to know. Trouble is Paul, newcomers to ham are probably newcomers to this news group. I've been reading this group for almost a month and this is the first I've seen on "Elmers" in general or the list in particular. Of course, the volume of traffic on this group can make it

hard to peruse much less digest everything.

>The list currently encompasses almost 100 Elmers, of almost every
>conceivable area of expertise. It is simultaneously cross-posted to
>rec.radio.amateur.misc, rec.radio.info, rec.answers, and news.answers on
>the 1st of each month.

Must have missed that one....

Thanks.

Steve Hilberg
hberg@uiuc.edu

* /==
* * x
*

"Some people are weatherwise but
most are otherwise."

Date: 15 Nov 1993 21:05:18 GMT
From: usc!yeshua.marcam.com!wrdis02.robins.af.mil!sberman@network.ucsd.edu
To: info-hams@ucsd.edu

References <2bqons\$4t7@ds9.sim.es.com>, <2c0c4v\$gbc@wrdis02.robins.af.mil>,
<wier-131193215910@csci-wiermac.etsu.edu>
Subject : Re: Fun with Radio Shack

Bob Wier (wier@merlin.etsu.edu) wrote:

: In article <2c0c4v\$gbc@wrdis02.robins.af.mil>, sberman@robins.af.mil
: (CONTRACTOR Steven G. Berman;WR-ALC/LKS) wrote:

: >
: > Their rules don't allow that. They've got this national software POS
: > system ("last four digits") that has them scan in everything they
: > sell. If they give anything away, woe unto them! What I did was wait

: That may be, but it isn't distributed back to the stores - I go to
: two different stores here 15 miles apart and they have totally
: separate data bases on customers...

: ===== insert usual disclaimers here =====
: Bob Wier, East Texas State U., Commerce, Texas
: wier@merlin.etsu.edu (watch for address change)

Absolutely...according to the local RS employees, the national system
polls the local stores, takes what it wants, and leaves the rest of
the database alone (it does not update local databases). I suppose if
you went to every RS you came across, bought a .39 capacitor and gave

a different "four digits" with a slightly different name and address,
you could get 'n' monthly special circulars every month!

-- Steve, KD4YLB ... -- .

Date: 10 Nov 93 21:35:16 GMT
From: microsoft!wingnut!laurahal@uunet.uu.net
To: info-hams@ucsd.edu

References <gregCFz6KF.DGz@netcom.com>, <1993Nov5.231254.15145@es.dupont.com>,
<1993Nov6.134645.11775@msuvx1.memst.edu>
Subject : Re: Fun with Radio Shack

I must be unusual 'cos they sent me a postcard that I could exchange
for a catalog, gratis.

I actually like to be on their mailing list, because their flyers
and things occasionally contain interesting things. I have
been known to buy sufficiently interesting things...but then
I get junk mail from other memberships and subscriptions and
don't mind if it's clear the organization has taken some care
in deciding who to tell about their products or services.

...laura VE7LDH

End of Info-Hams Digest V93 #1353

